Name of Work: Construction of CC roads in 4th phase and surrounding areas in ward no :03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.						
	CC Road						
	A.P.J Abdul Kalam Park Surrounding(Back side A to Z)						
	Road-1						
	Ch:0.00m to 16.00m	1	16.00	(5.60 + 5.40)/2	0.25	22.00	
	Continue						
	Ch:0.00m to 15.00m	1	15.00	(4.70 + 4.80)/2	0.25	17.81	
	Ch:15.00m to 27.00m	1	12.00	(4.80 + 5.50)/2	0.25	15.45	
	Road-2						
	Ch:0.00m to 30.00m	1	30.00	(5.10 + 4.60)/2	0.25	36.38	
	Ch:30.00m to 37.00m	1	7.00	(4.60 + 4.60)/2	0.25	8.05	
	Road-3						
	Ch:0.00m to 15.00m	1	15.00	(4.60 + 4.50)/2	0.25	17.06	
	Ch:15.00m to 30.00m	1	15.00	(4.50 + 5.30)/2	0.25	18.38	
	Ch:30.00m to 44.30m	1	14.30	(5.30 + 5.50)/2	0.25	19.31	
	Road-4						
	Ch:0.00m to 5.30m	1	5.30	(7.10 + 4.80)/2	0.25	7.88	
	Continue						
	Ch:0.00m to 19.90m	1	19.90	(4.80 + 4.50)/2	0.25	23.13	
	Traiangle						
	Base=4.4, Height=4.6	1	0.5*4.4(4.6)		0.25	2.53	
	Box Type						
	Ch:0.00m to 2.50m	1	2.50	(4.70 + 4.70)/2	0.25	2.94	

C&FC

Contractor

Asst. Engineer

17.12.2020

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Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Road-5						
	Ch:0.00m to 18.20m	1	18.20	(4.90 + 4.20)/2	0.25	20.70	
	Traiangle						
	Base=4.5, Height=6.4	1	0.5*4.5(6.4)		0.25	3.60	
	Road-6						
	Ch:30.00m to 30.00m	1	30.00	(4.00 + 3.80)/2	0.25	29.25	
	Ch:0.00m to 30.00m	1	4.00	(3.80 + 3.80)/2	0.25	3.80	
	Manhole						
	D=1m	-6	((3.14*1)/4)		0.25	-1.18	
	CHS Park Surrounding						
	Road-1						
	Ch:0.00m to 17.00m	1	17.00	(4.70 + 4.60)/2	0.25	19.76	
	Box Type						
	Ch:0.00m to 6.80m	1	6.80	(4.00 + 5.30)/2	0.25	7.91	
	Road-2						
	Ch:0.00m to 9.50m	1	9.50	(6.40 + 4.40)/2	0.25	12.83	
	Continue						
	Ch:0.00m to 9.90m	1	9.90	(5.30 + 5.30)/2	0.25	13.12	
	Traiangle						
	Base=8.2, Height=5.00	1	0.5*8.2(5.00)		0.25	5.13	
	Road-3						
	Ch:0.00m to 7.40m	1	7.40	(4.70 + 4.70)/2	0.25	8.70	
	Continue						
	Ch:0.00m to 1.10m	1	1.10	(1.60 + 1.60)/2	0.25	0.44	
	Road-4						
	Ch:0.00m to 30.00m	1	30.00	(6.30 + 6.80)/2	0.25	49.13	
	Road-5						
	Ch:0.00m to 12.20m	1	12.20	(6.30 + 5.90)/2	0.25	18.61	
	Road-6						

Contractor

Asst. Engineer

17.12.2020

Asst. Exec. Engineer

17/12/2020

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:0.00m to 30.00m	1	30.00	(6.00 + 6.50)/2	0.25	46.88	
	Ch:30.00m to 37.30m	1	7.30	(6.50 + 6.50)/2	0.25	11.86	
	Road-7						
	Ch:0.00m to 7.40m	1	8.00	(4.10 + 4.10)/2	0.25	8.20	
	Road-8						
	Ch:0.00m to 30.00m	1	30.00	(5.10 + 5.60)/2	0.25	40.13	
	Ch:30.00m to 47.30m	1	17.30	(6.20 + 5.70)/2	0.25	25.73	
	Road-9						
	Ch:0.00m to 28.00m	1	28.00	(4.00 + 4.00)/2	0.25	28.00	
	Road-10						
	Ch:0.00m to 30.00m	1	30.00	(2.70 + 3.30)/2	0.25	22.50	
	Ch:30.00m to 31.00m	1	1.00	(3.30 + 3.30)/2	0.25	0.83	
	Manhole						
	D=1m	-8		((3.14*1)/4)	0.25	-1.57	
	Subhash Chandra Bose Park Surrounding						
	Road-1						
	Ch:0.00m to 16.80m	1	16.80	(3.70 + 3.20)/2	0.25	14.49	
	Continue						
	Ch:0.00m to 6.30m	1	6.30	(3.20 + 5.00)/2	0.25	6.46	
	Box Type-1						
	Ch:0.00m to 4.10m	1	4.10	(5.20 + 5.20)/2	0.25	5.33	
	Road-2						
	Ch:0.00m to 24.40m	1	24.40	(5.30 + 5.40)/2	0.25	32.64	
	Road-3						
	Ch:0.00m to 30.00m	1	30.00	(5.10 + 5.20)/2	0.25	38.63	
	Ch:30.00m to 38.00m	1	8.00	(5.20 + 5.10)/2	0.25	10.30	

C&FC

B.L. [illegible]
Contractor

Asst. Engineer
17.12.2020

Asst. Exec. Engineer
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ಬಿ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Road-4						
	Ch:0.00m to 21.80m	1	21.80	(4.80 + 4.80)/2	0.25	26.16	
	Road-5						
	Ch:0.00m to 24.20m	1	24.20	(5.10 + 5.40)/2	0.25	31.76	
	Road-6						
	Ch:0.00m to 30.00m	1	30.00	(5.10 + 5.50)/2	0.25	39.75	
	Ch:30.00m to 47.40m	1	17.40	(5.50 + 5.20)/2	0.25	23.27	
	Road-7						
	Ch:0.00m to 12.00m	1	12.00	(5.00 + 6.00)/2	0.25	16.50	
	Continue						
	Ch:0.00m to 9.00m	1	9.00	(6.00 + 7.00)/2	0.25	14.63	
	Manhole						
	D=1m	-7	((3.14*1)/4)		0.25	-1.37	
	4th Phase						
	Road-1						
	Ch:0.00m to 27.30m	1	27.30	(5.20 + 5.10)/2	0.25	35.15	
	Continue						
	Ch:0.00m to 18.00m	1	18.00	(4.70 + 5.10)/2	0.25	22.05	
	Road-2						
	Ch:0.00m to 16.30m	1	16.30	(6.00 + 6.00)/2	0.25	24.45	
	Road-3						
	Ch:0.00m to 17.00m	1	17.00	(4.90 + 5.00)/2	0.25	21.04	
	Road-4						
	Ch:0.00m to 30.00m	1	30.00	(5.30 + 5.20)/2	0.25	39.38	
	Ch:30.00m to 60.00m	1	30.00	(5.20 + 4.80)/2	0.25	37.50	
	Ch:60.00m to 90.00m	1	30.00	(4.80 + 5.70)/2	0.25	39.38	
	Ch:90.00m to 105.00m	1	15.00	(5.70 + 5.20)/2	0.25	20.44	

C&F-C

Contractor

Asst. Engineer

17.12.2020

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Road-5						
	Ch:0.00m to 30.00m	1	30.00	(4.60 + 4.60)/2	0.25	34.50	
	Road-6						
	Ch:0.00m to 30.00m	1	30.00	(4.70 + 5.00)/2	0.25	36.38	
	Ch:30.00m to 31.00m	1	1.00	(5.00 + 5.00)/2	0.25	1.25	
	Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(6.10 + 6.20)/2	0.25	46.13	
	Manhole						
	D=1m	-6	((3.14*1)/4)		0.25	-1.18	
					Present Qty	**1180.22**	**Cum**

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Contractor

Asst. Engineer

17.12.2020

17/12/2020

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Asst. Exec. Engineer

Name of Work: Construction of CC roads in 4th phase and surrounding areas in ward no :03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.						
	CC Road						
	A.P.J Abdul Kalam Park Surrounding(Back side A to Z)						
	Road-1						
	Ch:0.00m to 16.00m	1	16.00	$\frac{0.60 + 0.60}{2}$	0.15	1.44	
	Continue						
	Ch:0.00m to 15.00m	1	15.00	$\frac{0.60 + 0.60}{2}$	0.15	1.35	
	Ch:15.00m to 27.00m	1	12.00	$\frac{0.60 + 0.60}{2}$	0.15	1.08	
	Road-2						
	Ch:0.00m to 30.00m	1	30.00	$\frac{0.60 + 0.60}{2}$	0.15	2.70	
	Ch:30.00m to 37.00m	1	7.00	$\frac{0.60 + 0.60}{2}$	0.15	0.63	
	Road-3						
	Ch:0.00m to 15.00m	1	15.00	$\frac{0.60 + 0.60}{2}$	0.15	1.35	
	Ch:15.00m to 30.00m	1	15.00	$\frac{0.60 + 0.60}{2}$	0.15	1.35	
	Ch:30.00m to 44.30m	1	14.30	$\frac{0.60 + 0.60}{2}$	0.15	1.29	
	Road-4						
	Ch:0.00m to 5.30m	1	5.30	$\frac{0.70 + 0.70}{2}$	0.15	0.56	
	Continue						
	Ch:0.00m to 19.90m	1	19.90	$\frac{0.60 + 0.60}{2}$	0.15	1.79	
	Box Type						
	Ch:0.00m to 2.50m	1	2.50	$\frac{0.70 + 0.70}{2}$	0.15	0.26	
	Road-5						
	Ch:0.00m to 18.20m	1	18.20	$\frac{0.70 + 0.70}{2}$	0.15	1.91	

C&FC

Contractor

Asst. Engineer 22.1.2020

Asst. Exec. Engineer 22/01/2020

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Road-6						
	Ch:30.00m to 30.00m	1	30.00	(0.65 + 0.65)/2	0.15	2.93	
	Ch:0.00m to 30.00m	1	4.00	(0.65 + 0.60)/2	0.15	0.38	
	Manhole						
	D=1m	-6		((3.14*1)/4)	0.15	-0.71	
	CHS Park Surrounding						
	Road-1						
	Ch:0.00m to 17.00m	1	17.00	(0.70 + 0.70)/2	0.15	1.79	
	Box Type						
	Ch:0.00m to 6.80m	1	6.80	(0.70 + 0.70)/2	0.15	0.71	
	Road-2						
	Ch:0.00m to 9.50m	1	9.50	(0.70 + 0.70)/2	0.15	1.00	
	Continue						
	Ch:0.00m to 9.90m	1	9.90	(0.70 + 0.70)/2	0.15	1.04	
	Road-3						
	Ch:0.00m to 7.40m	1	7.40	(0.70 + 0.70)/2	0.15	0.78	
	Continue						
	Ch:0.00m to 1.10m	1	1.10	(0.60 + 0.60)/2	0.15	0.10	
	Road-4						
	Ch:0.00m to 30.00m	1	30.00	(0.60 + 0.70)/2	0.15	2.93	
	Road-5						
	Ch:0.00m to 12.20m	1	12.20	(0.60 + 0.60)/2	0.15	1.10	
	Road-6						
	Ch:0.00m to 30.00m	1	30.00	(0.60 + 0.60)/2	0.15	2.70	
	Ch:30.00m to 37.30m	1	7.30	(0.60 + 0.60)/2	0.15	0.66	
	Road-7						
	Ch:0.00m to 7.40m	1	8.00	(0.70 + 0.70)/2	0.15	0.84	
	Road-8						
	Ch:0.00m to 30.00m	1	30.00	(0.60 + 0.60)/2	0.15	2.70	

Contractor

Asst. Engineer 22.1.2020

Asst. Exec. Engineer 22/01/2020

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:30.00m to 47.30m	1	17.30	(0.60 + 0.60)/2	0.15	1.56	
	Road-9						
	Ch:0.00m to 28.00m	1	28.00	(0.60 + 0.60)/2	0.15	2.52	
	Road-10						
	Ch:0.00m to 30.00m	1	30.00	(0.70 + 0.70)/2	0.15	3.15	
	Ch:30.00m to 31.00m	1	1.00	(0.70 + 0.70)/2	0.15	0.11	
	Manhole						
	D=1m	-8		((3.14*1)/4)	0.15	-0.94	
	Subhash Chandra Bose Park Surrounding						
	Road-1						
	Ch:0.00m to 16.80m	1	16.80	(0.70 + 0.70)/2	0.15	1.76	
	Continue						
	Ch:0.00m to 6.30m	1	6.30	(0.70 + 0.70)/2	0.15	0.66	
	Box Type-1						
	Ch:0.00m to 4.10m	1	4.10	(0.70 + 0.70)/2	0.15	0.43	
	Road-2						
	Ch:0.00m to 24.40m	1	24.40	(0.70 + 0.70)/2	0.15	2.56	
	Road-3						
	Ch:0.00m to 30.00m	1	30.00	(0.70 + 0.70)/2	0.15	3.15	
	Ch:30.00m to 38.00m	1	8.00	(0.70 + 0.70)/2	0.15	0.84	
	Road-4						
	Ch:0.00m to 21.80m	1	21.80	(0.70 + 0.70)/2	0.15	2.29	
	Road-5						
	Ch:0.00m to 24.20m	1	24.20	(0.70 + 0.70)/2	0.15	2.54	
	Road-6						
	Ch:0.00m to 30.00m	1	30.00	(0.70 + 0.70)/2	0.15	3.15	
	Ch:30.00m to 47.40m	1	17.40	(0.70 + 0.70)/2	0.15	1.83	
	Road-7						
	Ch:0.00m to 12.00m	1	12.00	(0.70 + 0.70)/2	0.15	1.26	C&FC

B. I Mahesh
Contractor

Asst. Engineer
22.1.2020

22/01/2020
Asst. Exec. Engineer
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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Continue						
	Ch:0.00m to 9.00m	1	9.00	(0.70 + 0.70)/2	0.15	0.95	
	Manhole						
	D=1m	-7	((3.14*1)/4)		0.15	-0.82	
	4th Phase						
	Road-1						
	Ch:0.00m to 27.30m	1	27.30	(0.70 + 0.70)/2	0.15	2.87	
	Continue						
	Ch:0.00m to 18.00m	1	18.00	(0.70 + 0.70)/2	0.15	1.89	
	Road-2						
	Ch:0.00m to 16.30m	1	16.30	(0.70 + 0.70)/2	0.15	1.71	
	Road-3						
	Ch:0.00m to 17.00m	1	17.00	(0.70 + 0.70)/2	0.15	1.79	
	Road-4						
	Ch:0.00m to 30.00m	1	30.00	(0.60 + 0.60)/2	0.15	2.70	
	Ch:30.00m to 60.00m	1	30.00	(0.60 + 0.60)/2	0.15	2.70	
	Ch:60.00m to 90.00m	1	30.00	(0.60 + 0.60)/2	0.15	2.70	
	Ch:90.00m to 105.00m	1	15.00	(0.60 + 0.60)/2	0.15	1.35	
	Road-5						
	Ch:0.00m to 30.00m	1	30.00	(0.60 + 0.60)/2	0.15	2.70	
	Road-6						
	Ch:0.00m to 30.00m	1	30.00	(0.60 + 0.60)/2	0.15	2.70	
	Ch:30.00m to 31.00m	1	1.00	(0.60 + 0.60)/2	0.15	0.09	
	Manhole						
	D=1m	-6	((3.14*1)/4)		0.15	-0.71	
					Present Qty	**84.11**	**Cum**

CS-C

Contractor

Asst. Engineer

22.1.2021

Asst. Exec. Engineer

Name of Work: Construction of CC roads in 4th phase and surrounding areas in ward no :03

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.						
	CC Road						
	A.P.J Abdul Kalam Park Surrounding(Back side A to Z)						
	Road-1						
	Ch:0.00m to 16.00m	1	16.00	(5.60 + 5.40)/2	0.15	13.20	
	Continue						
	Ch:0.00m to 15.00m	1	15.00	(4.70 + 4.80)/2	0.15	10.69	
	Ch:15.00m to 27.00m	1	12.00	(4.80 + 5.50)/2	0.15	9.27	
	Road-2						
	Ch:0.00m to 30.00m	1	30.00	(5.10 + 4.60)/2	0.15	21.83	
	Ch:30.00m to 37.00m	1	7.00	(4.60 + 4.60)/2	0.15	4.83	
	Road-3						
	Ch:0.00m to 15.00m	1	15.00	(4.60 + 4.50)/2	0.15	10.24	
	Ch:15.00m to 30.00m	1	15.00	(4.50 + 5.30)/2	0.15	11.03	
	Ch:30.00m to 44.30m	1	14.30	(5.30 + 5.50)/2	0.15	11.58	
	Road-4						
	Ch:0.00m to 5.30m	1	5.30	(7.10 + 4.80)/2	0.15	4.73	
	Continue						
	Ch:0.00m to 19.90m	1	19.90	(4.80 + 4.50)/2	0.15	13.88	
	Traiangle						
	Base=4.4, Height=4.6	1		0.5*4.4(4.6)	0.15	1.52	
	Box Type						
	Ch:0.00m to 2.50m	1	2.50	(4.70 + 4.70)/2	0.15	1.76	CC&FC

Contractor

Asst. Engineer

22.12.2023

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Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Road-5						
	Ch:0.00m to 18.20m	1	18.20	(4.90 + 4.20)/2	0.15	12.42	
	Traiangle						
	Base=4.5, Height=6.4	1	0.5*4.5(6.4)		0.15	2.16	
	Road-6						
	Ch:30.00m to 30.00m	1	30.00	(4.00 + 3.80)/2	0.15	17.55	
	Ch:0.00m to 30.00m	1	4.00	(3.80 + 3.80)/2	0.15	2.28	
	Manhole						
	D=1m	-6	((3.14*1)/4)		0.15	-0.71	
	CHS Park Surrounding						
	Road-1						
	Ch:0.00m to 17.00m	1	17.00	(4.70 + 4.60)/2	0.15	11.86	
	Box Type						
	Ch:0.00m to 6.80m	1	6.80	(4.00 + 5.30)/2	0.15	4.74	
	Road-2						
	Ch:0.00m to 9.50m	1	9.50	(6.40 + 4.40)/2	0.15	7.70	
	Continue						
	Ch:0.00m to 9.90m	1	9.90	(5.30 + 5.30)/2	0.15	7.87	
	Traiangle						
	Base=8.2, Height=5.00	1	0.5*8.2(5.00)		0.15	3.08	
	Road-3						
	Ch:0.00m to 7.40m	1	7.40	(4.70 + 4.70)/2	0.15	5.22	
	Continue						
	Ch:0.00m to 1.10m	1	1.10	(1.60 + 1.60)/2	0.15	0.26	
	Road-4						
	Ch:0.00m to 30.00m	1	30.00	(6.30 + 6.80)/2	0.15	29.48	
	Road-5						
	Ch:0.00m to 12.20m	1	12.20	(6.30 + 5.90)/2	0.15	11.16	
	Road-6						
	Ch:0.00m to 30.00m	1	30.00	(6.00 + 6.50)/2	0.15	28.13	

Contractor

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:30.00m to 37.30m						
	Road-7	1	7.30	6.50 + 6.50 / 2	0.15	7.12	
	Ch:0.00m to 7.40m						
	Road-8	1	8.00	4.10 + 4.10 / 2	0.15	4.92	
	Ch:0.00m to 30.00m						
	Ch:30.00m to 47.30m	1	30.00	5.10 + 5.60 / 2	0.15	24.08	
	Road-9	1	17.30	6.20 + 5.70 / 2	0.15	15.44	
	Ch:0.00m to 28.00m						
	Road-10	1	28.00	4.00 + 4.00 / 2	0.15	16.80	
	Ch:0.00m to 30.00m						
	Ch:30.00m to 31.00m	1	30.00	2.70 + 3.30 / 2	0.15	13.50	
	Manhole	1	1.00	3.30 + 3.30 / 2	0.15	0.50	
	D=1m	-8		((3.14*1)/4)	0.15	-0.94	
	Subhash Chandra Bose Park Surrounding						
	Road-1						
	Ch:0.00m to 16.80m	1	16.80	3.70 + 3.20 / 2	0.15	8.69	
	Continue						
	Ch:0.00m to 6.30m	1	6.30	3.20 + 5.00 / 2	0.15	3.87	
	Box Type-1						
	Ch:0.00m to 4.10m	1	4.10	5.20 + 5.20 / 2	0.15	3.20	
	Road-2						
	Ch:0.00m to 24.40m	1	24.40	5.30 + 5.40 / 2	0.15	19.58	
	Road-3						
	Ch:0.00m to 30.00m	1	30.00	5.10 + 5.20 / 2	0.15	23.18	
	Ch:30.00m to 38.00m	1	8.00	5.20 + 5.10 / 2	0.15	6.18	
	Road-4						
	Ch:0.00m to 21.80m	1	21.80	4.80 + 4.80 / 2	0.15	15.70	
	Road-5						
	Ch:0.00m to 24.20m	1	24.20	5.10 + 5.40 / 2	0.15	19.06	

Contractor

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Road-6						
	Ch:0.00m to 30.00m	1	30.00	(5.10 + 5.50)/2	0.15	23.85	
	Ch:30.00m to 47.40m	1	17.40	(5.50 + 5.20)/2	0.15	13.96	
	Road-7						
	Ch:0.00m to 12.00m	1	12.00	(5.00 + 6.00)/2	0.15	9.90	
	Continue						
	Ch:0.00m to 9.00m	1	9.00	(6.00 + 7.00)/2	0.15	8.78	
	Manhole						
	D=1m	-7		((3.14*1)/4)	0.15	-0.82	
	4th Phase						
	Road-1						
	Ch:0.00m to 27.30m	1	27.30	(5.20 + 5.10)/2	0.15	21.09	
	Continue						
	Ch:0.00m to 18.00m	1	18.00	(4.70 + 5.10)/2	0.15	13.23	
	Road-2						
	Ch:0.00m to 16.30m	1	16.30	(6.00 + 6.00)/2	0.15	14.67	
	Road-3						
	Ch:0.00m to 17.00m	1	17.00	(4.90 + 5.00)/2	0.15	12.62	
	Road-4						
	Ch:0.00m to 30.00m	1	30.00	(5.30 + 5.20)/2	0.15	23.63	
	Ch:30.00m to 60.00m	1	30.00	(5.20 + 4.80)/2	0.15	22.50	
	Ch:60.00m to 90.00m	1	30.00	(4.80 + 5.70)/2	0.15	23.63	
	Ch:90.00m to 105.00m	1	15.00	(5.70 + 5.20)/2	0.15	12.26	
	Road-5						
	Ch:0.00m to 30.00m	1	30.00	(4.60 + 4.60)/2	0.15	20.70	
	Road-6						
	Ch:0.00m to 30.00m	1	30.00	(4.70 + 5.00)/2	0.15	21.83	
	Ch:30.00m to 31.00m	1	1.00	(5.00 + 5.00)/2	0.15	0.75	C&PC

B.P. Mahesh
Contractor

Asst. Engineer

23/12/2020
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Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Cross Rd								
	Ch:0.00m to 30.00m								
	Manhole	1	30.00	6.10	+	6.20	0.15	27.68	
	D=1m			2					
		-6	((3.14*1)/4)				0.15	-0.71	
							Present Qty	**708.13**	**Cum**

Contractor

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Construction of CC roads in 4th phase and surrounding areas in ward no :03

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.								
	Vide Premeasurement page no.					1180.22			
					Present Qty	**1180.22**	**Cum**	**1011.15**	**1193381.00**
2	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.								
	Vide Premeasurement page no.					84.11			
					Present Qty	**84.11**	**Cum**	**2094.27**	**176140.00**
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.								
	Vide Premeasurement page no.					708.13			
					Present Qty	**708.13**	**Cum**	**5691.91**	**4030628.00**

Contractor

Asst. Engineer

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Asst.Exec.Engineer

Name of Work: Construction of CC roads in 4th phase and surrounding areas in ward no :03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
4	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS 383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008 mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as								
	CC Road								
	A.P.J Abdul Kalam Park Surrounding(Back side A to Z)								
	Road-1								
	Ch:0.00m to 16.00m	1	16.00	(5.60 + 5.40)/2	0.15	13.20			
	Continue								
	Ch:0.00m to 15.00m	1	15.00	(4.70 + 4.80)/2	0.15	10.69			
	Ch:15.00m to 27.00m	1	12.00	(4.80 + 5.50)/2	0.15	9.27			
	Road-2								
	Ch:0.00m to 30.00m	1	30.00	(5.10 + 4.60)/2	0.15	21.83			
	Ch:30.00m to 37.00m	1	7.00	(4.60 + 4.60)/2	0.15	4.83			
	Road-3								
	Ch:0.00m to 15.00m	1	15.00	(4.60 + 4.50)/2	0.15	10.24			
	Ch:15.00m to 30.00m	1	15.00	(4.50 + 5.30)/2	0.15	11.03			
	Ch:30.00m to 44.30m	1	14.30	(5.30 + 5.50)/2	0.15	11.58			
	Road-4								
	Ch:0.00m to 5.30m	1	5.30	(7.10 + 4.80)/2	0.15	4.73			
	Continue								
	Ch:0.00m to 19.90m	1	19.90	(4.80 + 4.50)/2	0.15	13.88			
	Traiangle								
	Base=4.4, Height=4.6	1		0.5*4.4(4.6)	0.15	1.52			
	Box Type								
	Ch:0.00m to 2.50m	1	2.50	(4.70 + 4.70)/2	0.15	1.76			

21/01/2021

C&RC

Contractor

Asst. Engineer.

21.1.2021.

21/01/2021

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ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬೆಂಗಳೂರು
ಪೂ.ಪ.ಎಂ.ಕ. ಬೆಂಗಳೂರು-106

Asst. Exec. Engineer.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Road-5								
	Ch:0.00m to 18.20m	1	18.20	4.90 + 4.20 / 2	0.15	12.42			
	Traiangle								
	Base=4.5, Height=6.4	1		0.5*4.5(6.4)	0.15	2.16			
	Road-6								
	Ch:30.00m to 30.00m	1	30.00	4.00 + 3.80 / 2	0.15	17.55			
	Ch:0.00m to 30.00m	1	4.00	3.80 + 3.80 / 2	0.15	2.28			
	Manhole								
	D=1m	-6		((3.14*1)/4)	0.15	-0.71			
	CHS Park Surrounding								
	Road-1								
	Ch:0.00m to 17.00m	1	17.00	4.70 + 4.60 / 2	0.15	11.86			
	Box Type								
	Ch:0.00m to 6.80m	1	6.80	4.00 + 5.30 / 2	0.15	4.74			
	Road-2								
	Ch:0.00m to 9.50m	1	9.50	6.40 + 4.40 / 2	0.15	7.70			
	Continue								
	Ch:0.00m to 9.90m	1	9.90	5.30 + 5.30 / 2	0.15	7.87			
	Traiangle								
	Base=8.2, Height=5.00	1		0.5*8.2(5.00)	0.15	3.08			
	Road-3								
	Ch:0.00m to 7.40m	1	7.40	4.70 + 4.70 / 2	0.15	5.22			
	Continue								
	Ch:0.00m to 1.10m	1	1.10	1.60 + 1.60 / 2	0.15	0.26			
	Road-4								
	Ch:0.00m to 30.00m	1	30.00	6.30 + 6.80 / 2	0.15	29.48			
	Road-5								
	Ch:0.00m to 12.20m	1	12.20	6.30 + 5.90 / 2	0.15	11.16			
	Road-6								
	Ch:0.00m to 30.00m	1	30.00	6.00 + 6.50 / 2	0.15	28.13			
	Ch:30.00m to 37.30m	1	7.30	6.50 + 6.50 / 2	0.15	7.12			
	Road-7								
	Ch:0.00m to 7.40m	1	8.00	4.10 + 4.10 / 2	0.15	4.92			
	Road-8								

Contractor

Asst. Engineer

21.1.2021

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:0.00m to 30.00m	1	30.00	5.10 + 5.60 / 2	0.15	24.08			
	Ch:30.00m to 47.30m	1	17.30	6.20 + 5.70 / 2	0.15	15.44			
	Road-9								
	Ch:0.00m to 28.00m	1	28.00	4.00 + 4.00 / 2	0.15	16.80			
	Road-10								
	Ch:0.00m to 30.00m	1	30.00	2.70 + 3.30 / 2	0.15	13.50			
	Ch:30.00m to 31.00m	1	1.00	3.30 + 3.30 / 2	0.15	0.50			
	Manhole								
	D=1m	-8	((3.14*1)/4)		0.15	-0.94			
	Subhash Chandra Bose Park Surrounding								
	Road-1								
	Ch:0.00m to 16.80m	1	16.80	3.70 + 3.20 / 2	0.15	8.69			
	Continue								
	Ch:0.00m to 6.30m	1	6.30	3.20 + 5.00 / 2	0.15	3.87			
	Box Type-1								
	Ch:0.00m to 4.10m	1	4.10	5.20 + 5.20 / 2	0.15	3.20			
	Road-2								
	Ch:0.00m to 24.40m	1	24.40	5.30 + 5.40 / 2	0.15	19.58			
	Road-3								
	Ch:0.00m to 30.00m	1	30.00	5.10 + 5.20 / 2	0.15	23.18			
	Ch:30.00m to 38.00m	1	8.00	5.20 + 5.10 / 2	0.15	6.18			
	Road-4								
	Ch:0.00m to 21.80m	1	21.80	4.80 + 4.80 / 2	0.15	15.70			
	Road-5								
	Ch:0.00m to 24.20m	1	24.20	5.10 + 5.40 / 2	0.15	19.06			
	Road-6								
	Ch:0.00m to 30.00m	1	30.00	5.10 + 5.50 / 2	0.15	23.85			
	Ch:30.00m to 47.40m	1	17.40	5.50 + 5.20 / 2	0.15	13.96			
	Road-7								
	Ch:0.00m to 12.00m	1	12.00	5.00 + 6.00 / 2	0.15	9.90			
	Continue								
	Ch:0.00m to 9.00m	1	9.00	6.00 + 7.00 / 2	0.15	8.78			
	Manhole								

Contractor

Asst. Engineer

21.1.2021

21/01/2021

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ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Asst. Exec. Engineer.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	D=1m	-7	((3.14*1)/4)		0.15	-0.82			
	4th Phase								
	Road-1								
	Ch:0.00m to 27.30m	1	27.30	(5.20 + 5.10)/2	0.15	21.09			
	Continue								
	Ch:0.00m to 18.00m	1	18.00	(4.70 + 5.10)/2	0.15	13.23			
	Road-2								
	Ch:0.00m to 16.30m	1	16.30	(6.00 + 6.00)/2	0.15	14.67			
	Road-3								
	Ch:0.00m to 17.00m	1	17.00	(4.90 + 5.00)/2	0.15	12.62			
	Road-4								
	Ch:0.00m to 30.00m	1	30.00	(5.30 + 5.20)/2	0.15	23.63			
	Ch:30.00m to 60.00m	1	30.00	(5.20 + 4.80)/2	0.15	22.50			
	Ch:60.00m to 90.00m	1	30.00	(4.80 + 5.70)/2	0.15	23.63			
	Ch:90.00m to 105.00m	1	15.00	(5.70 + 5.20)/2	0.15	12.26			
	Road-5								
	Ch:0.00m to 30.00m	1	30.00	(4.60 + 4.60)/2	0.15	20.70			
	Road-6								
	Ch:0.00m to 30.00m	1	30.00	(4.70 + 5.00)/2	0.15	21.83			
	Ch:30.00m to 31.00m	1	1.00	(5.00 + 5.00)/2	0.15	0.75			
	Cross Rd								
	Ch:0.00m to 30.00m	1	30.00	(6.10 + 6.20)/2	0.15	27.68			
	Manhole								
	D=1m	-6	((3.14*1)/4)		0.15	-0.71			
					Present Qty	708.13	**Cum**	5470.47	3873819.00
							Total		9273968.00
							GST 12%		1112876.16
							Grand Total		10386844.16

Contractor

Asst. Engineer

21.1.2021

C&FC

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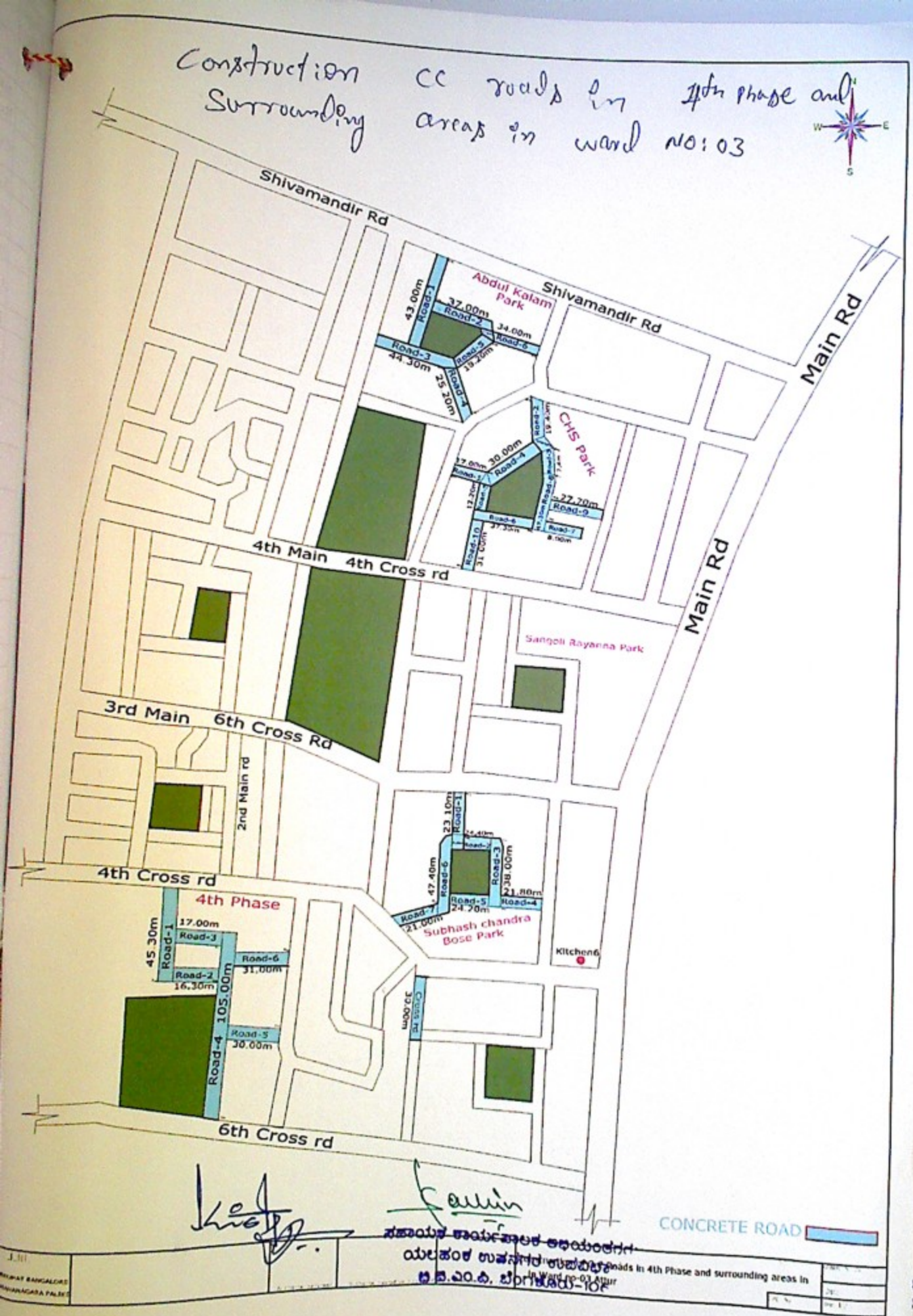
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Construction CC roads in 4th phase and Surrounding areas in ward NO:03



Proposed CC roads in 4th Phase and surrounding areas in Ward no-03 Attur

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ಯಲಹಂಕ ಉಪವಿಭಾಗ ಯಲಹಂಕ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106